

at least one instruction, and (3) deliver said at least one signal to said at least one intermediate transmitter, said method comprising the steps of:

receiving said signal outside said network, said signal having at least one first instruction which is operative in said network to output said signal from a first storage location and store said signal at a second storage location;

receiving at least one second instruction outside said network, said at least one second instruction operative at said remote intermediate transmitter station to control communication of said signal; and

transmitting said signal and said at least one second instruction to said network before a specific time.

*Cl. 109  
Sub 109*  
109. (New Claims) The method of claim 108, wherein television programming is communicated to and stored at said second storage location based on one of said at least one first instruction and said at least one second instruction, said method further comprising the step of:  
transmitting said television programming to one of said remote intermediate transmitter station and said at least one receiver station.

110. (New Claims) The method of claim 108, wherein said network communicates at least one of a television transmission and a radio transmission, said method further comprising the step of embedding said signal in one of a non-visible portion of said television transmission and a non-audible portion of one of said television and said radio transmission.

111. (New Claims) The method of claim 110, wherein said at least one receiver station stores at least a portion of said at least one of a television transmission and a radio transmission based on said signal.

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112. (New Claims) The method of claim 110, wherein said signal contains one of a code and a datum which identifies information contained in said at least one of a television transmission and a radio transmission, said method further comprising the steps of:  
processing said one of a code and a datum; and  
transmitting said signal based on said step of processing.

113. (New Claims) The method of claim 110, further comprising the step of comparing at least some of said at least one first instruction to at least a portion of said at least one second instruction.

114. (New Claims) The method of claim 110, wherein said step of embedding is performed before at least a portion of said signal is transmitted to said remote intermediate transmitter station.

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115. (New Claims) The method of claim 108, wherein said signal contains one of television and radio programming, said method further comprising the step of:  
embedding said at least one first instruction and said at least one second instruction in one of a non-visible and a non-audible portion of said signal.

116. (New Claims) The method of claim 115, wherein said step of embedding is performed before at least a portion of said signal is transmitted to said remote intermediate transmitter station.

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117. (New Claims) The method of claim 108, wherein downloadable code containing one of said at least one first instruction and said at least one second instruction is assembled in said network, said method further having one step from the group consisting of:

transmitting one of said at least one first instruction and said at least one second instruction in a plurality of signal words; and

transmitting at least two first instructions and said at least one second instruction to said network at different times.

118. (New Claims) The method of claim 108, wherein data is one of assembled and communicated in said network based on said at least one first instruction and said at least one second instruction, said method further having one step from the group consisting of:

transmitting one of a code and a datum which is operative in said network to designate one of an information and a signal type to be one of assembled and communicated; and

transmitting one of a code and a datum which one of designates and identifies said data.

119. (New Claims) The method of claim 118, wherein said data one of are transmitted from said remote intermediate transmitter station and include downloadable code.

120. (New Claims) The method of claim 118, wherein a control signal is organized and operates in said network to one of designate and identify one of a location of one of said signal and said data and a source communicating one of said signal and said data.

121. (New Claims) The method of claim 118, wherein said at least one first instruction includes said one of a code and a datum.

122. (New Claims) The method of claim 118, wherein said at least one second instruction includes said one of a code and a datum, said method further comprising the step of: transmitting a third instruction which is operative in said network to instruct comparison.

123. (New Claims) The method of claim 108, wherein said specific time is a scheduled time of transmitting said signal from said remote intermediate transmitter station.

124. (New Claims) The method of claim 108, wherein said plurality of selective transfer devices include a switch and a storage device, said method comprising the steps of:  
transmitting at least one switch control instruction; and  
transmitting at least one storage control instruction.

125. (New Claims) The method of claim 108, wherein said plurality of selective transfer devices include a computer and a computer peripheral memory, said computer capable of communicating to a plurality of devices, said memory capable of storing said signal, said method further comprising the steps of:

transmitting at least one communication control instruction; and  
transmitting at least one storage control instruction.

126. (New Claims) The method of claim 108, wherein said at least one second instruction comprises one of a code and a datum which operates at said remote intermediate transmitter station to identify said signal, said method further comprising the step of:

transmitting a schedule which operates at said remote intermediate transmitter station to communicate said signal to a separate transmitter.

127. (New Claims) The method of claim 126, wherein said schedule controls communication of a plurality of signals of one of television, radio, data, and multimedia programming, said method further having at least one step from the group consisting of:

transmitting at least one of said plurality of signals of one of television, radio, data, and multimedia programming;

transmitting one of a code and a datum which designates at least one of said plurality of signals of one of television, radio, data, and multimedia programming;

transmitting a fourth instruction which is operative in said network to output at least one of said plurality of signals of one of television, radio, data, and multimedia programming from a storage location; and

transmitting a fifth instruction which is operative in said network to store at least one of said plurality of signals of one of television, radio, data, and multimedia programming.

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128. (New Claims) The method of claim 126, wherein said schedule operates at the remote intermediate transmitter station to communicate said signal to one of a plurality of transmitters and said separate transmitter a plurality of times.

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129. (New Claims) The method of claim 108, wherein said second storage location is at said at least one receiver station, said method further having one step from the group consisting of:

transmitting a sixth instruction which is operative to select one of said first storage location and said second storage location; and

transmitting a seventh instruction which is operative to designate said at least one receiver station to store said signal.

130. (New Claims) A method of controlling a network having a remote intermediate transmitter station and at least one receiver station, with said remote intermediate transmitter station including at least one intermediate transmitter for transmitting at least one signal, a plurality of selective transfer devices each operatively connected to said at least one intermediate transmitter for communicating said at least one signal, a receiver for receiving said at least one signal from outside said network, an instruction detector, and a controller capable of controlling at least one of said plurality of selective transfer devices, and with said remote intermediate

transmitter station receiving said at least one signal, at least one first instruction, and at least one second instruction, said method comprising the steps of:

programming said remote intermediate transmitter station to control communication of and deliver said at least one signal at said at least one intermediate transmitter in response to at least one detected instruction;

programming said remote intermediate transmitter station to detect said at least one first instruction and said at least one second instruction; and

programming said network to detect and respond to an instruction which is operative in said network to output said at least one signal from a first storage location and store said at least one signal at a second storage location before a specific time.

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131. (New Claims) The method of claim 130, wherein television programming is communicated to and stored at one of said first storage location and said second storage location based on one of said at least one first instruction and said at least one second instruction, said method further comprising the step of:

programming one of said remote intermediate transmitter station and said at least one receiver station to store television programming at a storage location in response to one of said at least one first instruction and said at least one second instruction received from a remote station.

132. (New Claims) The method of claim 130, further comprising the step of:

programming one of said remote intermediate transmitter station and said at least one receiver station to detect one of said at least one first instruction and said at least one second instruction embedded in one of a non-visible portion of a television transmission and a non-audible portion of a radio transmission.

133. (New Claims) The method of claim 132, wherein said at least one receiver station stores at least a portion of one of said television and said radio transmission based on said at least one signal, said method further comprising the step of:

programming said at least one receiver station to select said at least a portion of one of said television transmission and said radio transmission by processing stored subscriber data.

134. (New Claims) The method of claim 132, wherein said at least one signal contains one of a code and a datum which identifies information contained in one of said television transmission and said radio transmission, said method further comprising the steps of:

programming one of said remote intermediate transmitter station and said at least one receiver station to process said one of a code and a datum; and

programming one of said remote intermediate transmitter station and said at least one receiver station to communicate said at least one signal to one of a storage device and an output device based on processing said one of a code and a datum.

135. (New Claims) The method of claim 132, further comprising the step of:

programming one of said remote intermediate transmitter station and said at least one receiver station to compare at least some of said at least one first instruction to at least a portion of said at least one second instruction.

136. (New Claims) The method of claim 132, further comprising the step of:

programming one of said remote intermediate transmitter station and said at least one receiver station to one of detect and identify an instruction based on a varying pattern of one of location, timing and composition.

137. (New Claims) The method of claim 130, wherein said at least one signal contains one of television and radio programming, said method further comprising the step of:

programming one of said remote intermediate transmitter station and said at least one receiver station to identify said at least one first instruction and said at least one second instruction.

138. (New Claims) The method of claim 137, further comprising the step of:  
programming one of said remote intermediate transmitter station and said at least one receiver station to one of detect and identify an instruction based on a varying pattern of one of location, timing and composition.

139. (New Claims) The method of claim 130, wherein executable code containing said at least one first instruction and said at least one second instruction is assembled in said network, said method further having one step from the group consisting of:

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programming one of said remote intermediate transmitter station and said at least one receiver station to assemble code based on at least one discrete signal detected in a transmission;  
and

programming one of said remote intermediate transmitter station and said at least one receiver station to assemble code based on discrete signals received at different times.

140. (New Claims) The method of claim 130, wherein data is one of assembled and communicated in said network based on said at least one first instruction and said at least one second instruction, said method further having one step from the group consisting of:

programming one of said remote intermediate transmitter station and said at least one receiver station to respond to one of a code and datum which is operative in said network to designate one of an information and a signal type to be one of assembled and communicated; and

programming one of said remote intermediate transmitter station and said at least one receiver station to respond to one of a code and a datum which one of designates and identifies said data.



141. (New Claims) The method of claim 140, further comprising the step of:  
programming said at least one receiver station to respond to at least one downloadable  
instruction which is transmitted from said remote intermediate transmitter station.

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142. (New Claims) The method of claim 140, further comprising the step of:  
programming one of said remote intermediate transmitter station and said at least one  
receiver station to organize one of said at least one first instruction and said at least one second  
instruction which operates in said network to one of designate and identify one of a location of  
one of said at least one signal and said data and a source communicating one of said at least one  
signal and said data.

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143. (New Claims) The method of claim 140, further comprising the step of:  
programming one of said remote intermediate transmitter station and said at least one  
receiver station to one of locate and identify said one of a code and a datum based on one of said  
at least one first instruction and said at least one second instruction.

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144. (New Claims) The method of claim 140, wherein said at least one second  
instruction includes said one of a code and a datum, said method further comprising the step of:  
programming one of said remote intermediate transmitter station and said at least one  
receiver station to perform a step of comparison based on said at least one first instruction and  
said at least one second instruction.

145. (New Claims) The method of claim 130, wherein said specific time is a scheduled  
time of transmitting said at least one signal from said remote intermediate transmitter station,  
said method further comprising the step of:

programming said remote intermediate transmitter station to control said at least one of said plurality of selective transfer devices prior to said scheduled time based on said at least one first instruction and said at least one second instruction.

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146. (New Claims) The method of claim 130, wherein one of said remote intermediate transmitter station and said at least one receiver station includes a switch and a storage device, said method comprising the steps of:

programming one station in said network to respond to at least one switch control instruction; and

programming one station in said network to respond to at least one storage control instruction.

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147. (New Claims) The method of claim 130, wherein one of said remote intermediate transmitter station and said at least one receiver station includes a computer and a computer peripheral memory, said computer capable of communicating to a plurality of devices, said memory capable of storing said at least one signal, said method further comprising the steps of:

programming one station in said network to respond to at least one communication control instruction; and

programming one station in said network to respond to at least one storage control instruction.

148. (New Claims) The method of claim 130, wherein one of said at least one first instruction and said at least one second instruction comprises one of a code and a datum which operates at said remote intermediate transmitter station to identify said at least one signal, said method further comprising the step of:

programming one station in said network to respond to a transmission schedule in respect of said at least one signal.

149. (New Claims) The method of claim 148, wherein said transmission schedule controls communication of a plurality of signals of one of television, radio, data, and multimedia programming, said method further having at least one step from the group consisting of:

programming one of said remote intermediate transmitter station and said at least one receiver station to communicate at least one of said plurality of signals of one of television, radio, data, and multimedia programming;

programming one of said remote intermediate transmitter station and said at least one receiver station to respond to one of a code and a datum which one of designates and identifies at least one of said plurality of signals of one of television, radio, data, and multimedia programming;

*cont*  
programming one of said remote intermediate transmitter station and said at least one receiver station to respond to an instruction which is operative in said network to output at least one of said plurality of signals of one of television, radio, data, and multimedia programming from a storage location; and

programming one of said remote intermediate transmitter station and said at least one receiver station to respond to an instruction which is operative in said network to store at least one of said plurality of signals of one of television, radio, data, and multimedia programming.

150. (New Claims) The method of claim 148, further comprising the step of:

programming one of said remote intermediate transmitter station and said at least one receiver station to communicate said at least one signal to one of a plurality of output devices and an output device a plurality of times.

151. (New Claims) The method of claim 130, wherein said second storage location is at said at least one receiver station, said method further having one step from the group consisting of:

programming said network to respond to one of said at least one first instruction and said at least one second instruction which is operative to select a storage location; and

programming said network to respond to one of said at least one first instruction and said at least one second instruction which is operative to cause said network to store said at least one signal.

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152. (New Claims) A method of controlling a network having a remote intermediate transmitter station and at least one receiver station, with said remote intermediate transmitter station including at least one intermediate transmitter for transmitting data, a plurality of selective transfer devices each operatively connected to said at least one intermediate transmitter for communicating said data, a receiver for receiving said data from outside said network, a control signal detector, and a controller capable of controlling at least one of said plurality of selective transfer devices, and with said remote intermediate transmitter station adapted to detect at least one control signal, to control the communication of said data in response to said at least one control signal, and to deliver said data at said at least one intermediate transmitter, said method comprising the steps of:

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receiving said data outside said network, said data including an instruct signal which is effective in said network to output said data from a first storage location and store said data at a second storage location;

receiving said at least one control signal outside said network, said at least one control signal operative at said remote intermediate transmitter station to control communication of said data; and

transmitting said at least one control signal to said network before a specific time.--